

MODIFIABLE RFP TEMPLATE & VENDOR Q&A RUBRIC | VNA-RFP-006 | Application Stack X to Application Stack Y

Request for Proposals (RFP): Legacy .NET WinForms & ASP.NET WebForms (.aspx) Migration to Oracle APEX 24.2

Instructions for RFP Author: This template is structured so your IT, Architecture, and Procurement teams can issue a rigorous, apples-to-apples Request for Proposals. Customize the bracketed [Modifiable] fields below or use the companion .md file on the solution portal.

1. Issuing Organization & Procurement Schedule (Modifiable Fields)

RFP Field / Milestone	Modifiable Entry / Target Value
Issuing Organization & Sponsor	[Insert Legal Organization Name, Executive Sponsor & Primary Contact Email]
Project Scope Summary	Transition from .NET Framework 2.0-4.8 (WinForms, WebForms .aspx, WCF, C# / VB.NET) to Oracle APEX 24.2, ORDS REST APIs, PL/SQL & OCI Cloud Native
RFP Issue / Q&A; / Proposal Due Dates	[Issue: YYYY-MM-DD] [Vendor Questions Due: +14 Days] [Proposals Due: +30 Days]
Target Contract Type	Fixed-Price Milestone Deliverables with Automated Parity & Cutover Acceptance Gates

2. Mandatory Technical Scope of Work (Modifiable Requirements)

- [REQ-ARCH-01] Roslyn AST & SQL Dependency Extraction: We analyze your Visual Studio `.sln` / `.csproj` / `.vbproj`` repositories, mapping every WinForms screen, `.aspx`` page, WCF contract, and ``Oracle.ManagedDataAccess` / `SqlClient`` query.
- [REQ-ARCH-02] Data-Tier Pushdown to PL/SQL & Views: Multi-tier C#/VB.NET data orchestration loops that pull thousands of rows over the network are rewritten as high-performance, set-based Oracle SQL views and PL/SQL packages executing at zero network latency.
- [REQ-ARCH-03] WebForms / WinForms to APEX 24.2 Universal Theme: Third-party Telerik, Infragistics, and DevExpress grids are replaced with native APEX 24.2 Interactive Grids, Faceted Search, and Smart Filters.
- [REQ-ARCH-04] WCF SOAP to ORDS OpenAPI 3.1: Legacy WCF `.svc`` endpoints and Windows Services are replaced by stateless Oracle REST Data Services (ORDS) handlers and ``DBMS_SCHEDULER`` background jobs.
- [REQ-ARCH-05] Query Fan-Out Rationalization & Runtime/Inference Filtering: Instead of migrating cloned reports and DataWindows 1-for-1, our AST SQL parser clusters queries by their canonical core JOIN graph, builds governed Oracle 23ai views only for those core queries, and generates dynamic WHERE clauses, faceted filters, and ad-hoc report variations at runtime and via AI inference (APEX 24.2 Smart Filters & Select AI).

3. Component Conversion & Acceptance Matrix

Legacy Artifact / Workload	Required Target Architecture	Engineering Method & Acceptance Gate
ASP.NET WebForms (<code>.aspx`</code> + <code>.aspx.cs` ViewState</code>)	APEX 24.2 Pages + Stateless AJAX Dynamic Actions	Declarative Region & Page Item Synthesis
WinForms <code>`DataGridView` / Telerik `RadGrid`</code>	APEX 24.2 Interactive Grid & Interactive Report	Native Grid Configuration & Saved Report Views
ADO.NET / Entity Framework / Dapper DAL	Direct In-Database SQL & PL/SQL Package APIs	Elimination of Middle-Tier ORM Serialization
WCF Services (<code>.svc`</code>) & ASMX Web Services	Oracle REST Data Services (ORDS) OAuth2 APIs	AutoREST & PL/SQL REST Handler Migration

SSRS Reports (`.rdl`) / Crystal Reports (`.rpt`)	APEX Interactive Reports + APEX Office Print (AOP)	SQL Query Migration & Native Export Templates
Cloned Reports / Queries Differing Only by WHERE Clause or Group-By (Query Fan-Out)	Canonical Core SQL View + APEX 24.2 Runtime / AI Inference Filters	AST Join-Graph Clustering (75-90% Report Count Reduction)

4. Mandatory Vendor Q&A; Questionnaire & Evaluation Benchmark Key

Bidders must answer each technical question below. Evaluation committee members can compare vendor answers directly against the Reference Benchmark Key:

- Vendor Question 1: Can we keep our existing Azure DevOps or GitHub Actions CI/CD pipelines when moving from .NET to APEX?** [Score: ____ / 10]

Reference Evaluation Benchmark: Yes. Using Oracle SQLcl Projects and Liquibase, every APEX page, shared component, and PL/SQL package is exported as readable YAML/SQL files into Git and deployed automatically via Azure DevOps or GitHub Actions.
- Vendor Question 2: How do you integrate APEX with Microsoft Entra ID (Azure AD) and Office 365?** [Score: ____ / 10]

Reference Evaluation Benchmark: Oracle APEX 24.2 supports native OpenID Connect (OIDC) authentication with Microsoft Entra ID out of the box, and our AMP framework integrates directly with Microsoft Graph REST APIs for SharePoint, Outlook, and Teams automation.
- Vendor Question 3: What is included in the downloadable PDF Solution Brief?** [Score: ____ / 10]

Reference Evaluation Benchmark: The PDF Solution Brief includes the .NET WinForms/WebForms-to-APEX architectural comparison, ORM-to-PL/SQL latency benchmarks, and an Azure DevOps SQLcl Liquibase pipeline blueprint.
- Vendor Question 4: How do you rationalize report/query fan-out and guarantee 100% customer code & data ownership?** [Score: ____ / 10]

Reference Evaluation Benchmark: Vendor must demonstrate AST SQL clustering to collapse cloned queries into governed core views with runtime/AI-inference filters, and deliver 100% customer-owned SQL, PL/SQL, APEX, or cloud code with zero proprietary runtime lock-in.

5. Commercial Milestone Pricing & Evaluation Weighting (Modifiable)

Phase / Deliverable Gate	Required Acceptance Output	Bidder Fixed Fee	Eval Weight
Phase 0: AST Discovery & Blueprint	Complete code/schema AST inventory, dead-code manifest & core SQL fan-out map	\$ [Insert]	20%
Phase 1: Core Schema & Logic Uplift	Target cloud/DB provisioning, automated DDL/code conversion & unit tests	\$ [Insert]	30%
Phase 2: UI, Reports & UAT	Modernized UI/portals, runtime/AOP reports, security VPD/SSO & UAT sign-off	\$ [Insert]	30%
Phase 3: Cutover & Hypercare	Zero-downtime cutover, row/hash reconciliation & 30-day production warranty	\$ [Insert]	20%